## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

## **Listing of Claims:**

Claims 1-3 (Cancelled)

Claim 4. (Previously Presented) A composition for normalizing circadian rhythm which comprises astaxanthin and/or ester thereof and melatonin.

Claim 5. (Cancelled)

-- Claim 6. (Previously Presented) A method of normalizing circadian rhythm by administering to a patient suffering from disturbance of circadian rhythm, an effective amount of astaxanthin and/or an ester thereof.

Claim 7. (Amended) A method of preventing and alleviating sleep disorder and various diseases due to disturbance of circadian rhythm by administering to a patient in need of prevention and alleviation of said sleep disorder, an effective amount of astaxanthin and/or an ester thereof.

Claim 8. (Previously Presented) A method of normalizing circadian rhythm by administering to a patient suffering from disturbance of circadian rhythm, an effective amount of astaxanthin and/or an ester thereof, and an effective amount of melatonin.

## KISO et al. – Appln. no. 10/030,715 Amendment filed October 14, 2003

B1 Conta

Claim 9. (Previously Presented) A method of suppressing degradation of in vivo melatonin by administering to a patient suffering from disturbance of circadian rhythm, an effective amount of astaxanthin and/or an ester thereof.